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US EPA RECORDS CENTER REGION 5



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MARK TWAIN INDUSTRIES
T05-9308-001
EIL0803SAA
SITE ASSESSMENT

The Mark Twain Industries (MTI) Site is the location of a pleasure boat manufacturing facility. The facility is located in an industrial park in the downstate city of West Frankfort, Illinois. MTI consists of two warehouse-type buildings which are used to form and assemble pleasure boats. Currently the smaller of the two buildings is used to store approximately 100 containers (with capacity of 15 gallons or less) and approximately 175 55-gallon drums containing paint wastes, glues, and industrial solvents considered flammable such as acetone and methyl ethyl ketone. One drum is known to contain toluene diisocyanate (TDI), which is considered a water reactive chemical.

On September 1, 1993, the TAT was responsive to the immediate request of the OSC to collect drum and container samples. During hotzone activities, the TAT provided continuous air monitoring, including photodocumentation of the storage area. The TAT collected four liquid samples and two solid samples from the drums and containers. The samples were analyzed for volatile organic analytes (VOAs), semivolatile organic analytes (SVOAs), flash point, and the eight Resource Conservation and Recovery Act (RCRA) metals.

Analytical results revealed high concentrations of acetone, methyl ethyl ketone, lead, and chromium. Flash point tests indicated the presence of ignitability with a sample having a flash point of 70°F.

The TAT completed an Action Memo for the MTI site and submitted the final Site Assessment/Removal Action Plan within the completion date at a reduced cost to the Government than originally expected as no re-write of the report was required by EPA personnel.

Suggested Score: 4.5
Sherrard